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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/005,780	11/08/2001	Jane Dashevsky	INTL-0687-US (P13046)	1349
7590	12/15/2004		EXAMINER	
Timothy N. Trop TROP, PRUNER & HU, P.C. STE 100 8554 KATY FWY HOUSTON, TX 77024-1805			GESESSE, TILAHUN	
			ART UNIT	PAPER NUMBER
			2684	
DATE MAILED: 12/15/2004				

Please find below and/or attached an Office communication concerning this application or proceeding.

<b>Office Action Summary</b>	<b>Application No.</b>	<b>Applicant(s)</b>	
	10/005,780	DASHEVSKY ET AL.	
	<b>Examiner</b>	<b>Art Unit</b>	
	Tilahun B Gesesse	2684	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --  
Period for Reply

**A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.**

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

1) Responsive to communication(s) filed on 19 July 2004.  
 2a) This action is **FINAL**.                            2b) This action is non-final.  
 3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

4) Claim(s) 1-15 is/are pending in the application.  
 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.  
 5) Claim(s) \_\_\_\_\_ is/are allowed.  
 6) Claim(s) 1-15 is/are rejected.  
 7) Claim(s) \_\_\_\_\_ is/are objected to.  
 8) Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

9) The specification is objected to by the Examiner.  
 10) The drawing(s) filed on \_\_\_\_\_ is/are: a) accepted or b) objected to by the Examiner.  
     Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
     Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).  
 11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).  
 a) All    b) Some \* c) None of:  
 1. Certified copies of the priority documents have been received.  
 2. Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.  
 3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)	4) <input type="checkbox"/> Interview Summary (PTO-413)
2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)	Paper No(s)/Mail Date. _____
3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) Paper No(s)/Mail Date _____	5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)
	6) <input type="checkbox"/> Other: _____

## **DETAILED ACTION**

1. This is in response to applicant's argument filed 7/15/04, in which claims 1-15 are pending.

### ***Drawings***

2. The drawings are objected to under 37 CFR 1.83(a). The drawings must show every feature of the invention specified in the claims. Therefore, the feature of storing instructions that enable the processor-based system in claims 7-15, must be shown or the feature(s) canceled from the claim(s). No new matter should be entered.

Corrected drawing sheets in compliance with 37 CFR 1.121(d) are required in reply to the Office action to avoid abandonment of the application. Any amended replacement drawing sheet should include all of the figures appearing on the immediate prior version of the sheet, even if only one figure is being amended. The figure or figure number of an amended drawing should not be labeled as "amended." If a drawing figure is to be canceled, the appropriate figure must be removed from the replacement sheet, and where necessary, the remaining figures must be renumbered and appropriate changes made to the brief description of the several views of the drawings for consistency. Additional replacement sheets may be necessary to show the renumbering of the remaining figures. The replacement sheet(s) should be labeled "Replacement Sheet" in the page header (as per 37 CFR 1.84(c)) so as not to obstruct any portion of the drawing figures. If the changes are not accepted by the examiner, the applicant will

be notified and informed of any required corrective action in the next Office action. The objection to the drawings will not be held in abeyance.

***Claim Rejections - 35 USC § 102***

3. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

4. Claims 1-15 are rejected under 35 U.S.C. 102(e) as being anticipated by Travostino (US 2002/0081971).

Claim 1, Travostino discloses a method for handling the system-wide state of a wireless device (102) through the host controller interface firmware (204) (page 4, para 0031-0034), and handling the state each link with the device through the link manager firmware (page 4, para 0031-0034 and figure 4).

Claim 2, Travostino discloses initiating communications with connection and link management (figure 3). Claim 3, Travostino discloses establishing a connection between the device and an end point (figure 3).

Claim 4, Travostino discloses handling base band handshaking through the host controller interface firmware (226 and 204) (figure 4). Claim 5, Travostino

discloses handling logical link connection through the link manager firmware (210 and 232) (figure 4).

Claim 6, Travostino discloses an article comprising a medium storing instructions that enable a processor-based system to (host computer 108 of figure 3) handle the system-wide state of a wireless device through the host controller interface firmware (HCI fw 226 and 204),page 4, para 0031—0034 and figure 4) and handle the state of each link with the device 6 through the link manager firmware (LMP 210 and 232 , page 4 para 0031-0034 and figure 4).

Claim 7, Travostino discloses storing instructions that enable the processor-based system to initiate communications with connection and link management (page 7, para 0063-0065). Claim 8, Travostino discloses storing instructions that enable the processor-based system to establish a connection between the device and an end point.

Claim 9, Travostino discloses storing instructions that enable the processor-based system to handle base-band handshaking through the host controller interface firmware (page 4 para 0031-0034 and figures 3-4).

Claim 10, Travostino discloses storing instructions that enable the processor-based system to handle logical link connection through the link manager firmware (page 7 para 0063-0065).

Claim 11, Travostino discloses a wireless system (figure 3) a processor (host computer 108 of figure 3) and a storage coupled to the processor storing instructions that enable the processor to (page 7, para 0063-0065) handle the system-wide state of

the system through the host controller interface firmware (page 4 para 0031-0034) and handle the state each link with the system through the link manager firmware (page 4 para 0031-0034 and figure 4).

Claim 12, Travostino discloses the storage stores instructions that enable the processor to initiate communications with connection and link management (page 7 para 0063 and figure 3).

Claims 13-14, Travostino discloses storage stores instructions that enable the processor to establish a connection between the system and a remote end point. said storage stores instructions that enable the processor to handle base band handshaking through the host controller interface firmware (figure 4 and page 7 para 0063-0065).

Claim 15, Travostino discloses the storage stores instructions that enable the processor to handle logical link connection through the link manager firmware (page 4 para 0031-0034 and figure 4).

#### ***Response to Arguments***

5. Applicant's arguments with respect to claims 1-15 have been considered but are moot in view of the new ground(s) of rejection.

#### ***Conclusion***

6. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Tada (20010019956) discloses Bluetooth wireless protocol with link management protocol for controlling a radio link with the radio communication apparatus and host control interface (page 4, para 0053-0054).

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Tilahun B Gesesse whose telephone number is 703-308-5873. The examiner can normally be reached on flex.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Nay Maung can be reached on 703-308-7745. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

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November 22, 2004



**TILAHUN GESESSSE**  
**PATENT EXAMINER**